

RIYVES, V.G.

Photometric observations of Schaumasse's (1951 1), Harrington's
(1952 e), Pons-Brooks' (1953 c) and Abell's (1953 g) comets.
Astron.tsirk. no.168:9-10 '56. (MLRA 9:8)

1. Tartuskaya astronomiceskaya observatoiya AN ESSR.
(Comets)

RIYVES, V.G.

Photographic photometry of comets. Astron.tsir. no.185:16-18 O '57.
(MIRA 11:4)

1.Tartuskaya astronomiceskaya observatoriya.
(Comets) (Photometry, Astronomical)

RIYVES, V.G. [Riives, V.]

Photometric parameters of gas emission in comets. Biol. Kom.
po komet. i meteor. AN SSSR no.9:23-31 '64.
(MIRA 17:10)
L. Turtuskiy gosudarstvennyy universitet, kafedra astronomii i
geofiziki.

RIYVES, V.G.

Photometric observations of comets at the Tartu Astronomical
Observatory. Trudy AN Tadzh. SSR 20:8-12 '54. (MIRA 13:3)
(Comets)

MOSHKOVICH, R. I., kand.med.nauk, ~~RIS~~, A.L., kand.med.nauk

Novocaine electrophoresis as an anesthetic and therapeutic agent
in ophthalmology. Oft.zhur. 13 no.3:158-162 '58 (MIRA 11:6)

1. Iz polikliniki dlya uchenykh g. Kiyeva.
(NOVOCAIN)
(EYE--DISEASES AND DEFECTS)
(ELECTROPHORESIS)

ME, A. L.

2675 Obsholivanie vnutrivennym vvedeniem morfina pri sluznykh operatsiyakh.
Oftalmol. Peredl, 1994, No. 3, s. 109-12

SO: INTOPIS' NO. 35, 1994

RIZ, PM

5A

PROJECTS AND PREPARATION METHODS

A 53

B

65. Torsion of Bar under Tension. P. M. Riz and N. V. Zvolinskij. *Comptes Rendus (Doklady) de l'Acad. des Sciences, U.S.S.R.* 20, 2-3, pp. 101-104, 1938. In English.—According to the linear theory of elasticity, the state of stress of a prism subjected to combined torsion and tension is obtained by superposing the two sets of stresses for torsion and tension, with experiment.

tension is obtained by superposing the two sets of terms. The tension acting separately, and this result does not accord with experiment. In this paper, second-order terms are retained in the expression for the strains, and the law relating principal stresses σ_i with principal elongations e_i is assumed to be, for finite displacements not exceeding the limit of proportionality, $\sigma_i = \lambda \sum_{a=1}^n e_a + 2Ge_i$. An expression is then worked out for the torsional stiffness T of the prism, which provides a correcting factor to T_0 , the stiffness in the absence of tension. J. P. A.

AUD 324 METALLURGICAL LITERATURE CLASSIFICATION

7-134-834877
812587 CAT ONE 181

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R00144449

Riz, P. M.

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Riz, P. M. Large oscillations of a string under arbitrary initial stretching. Appl. Math. Mech. [Akad. Nauk SSSR. Prikl. Mat. Mech.] 11, 389-390 (1947). (Russian. English summary)

One particularity of the oscillations of a string under large strains is pointed out: the possibility of the nonlinear system of equations of the oscillations passing into linear equations. The first possibility (for small oscillations) is well known. The second, which may be of theoretical interest, is the case of the equality of the rigidity of the string and its initial stretching, when the coefficient γ is equal to zero.

Author's summary.

Source: Mathematical Reviews, 1948, Vol 9, No. 2

Riz, P. M.

3

Riz, P. M. Elastic constants in the non-linear theory of elasticity. Akad. Nauk SSSR. Prikl. Mat. Meh. 11, 493-494 (1947). (Russian. English summary)

The note deals with the choice of elastic constants in a modification of Hooke's law suggested by F. D. Murnaghan, so that it will characterize accurately the dependence of stresses on strains in an isotropic body.

I. S. Sokolnikoff (Los Angeles, Calif.).

Source: Mathematical Reviews, 1948, Vol 9, No. 4

8/14/97

RIZ, P. M.

PA 20T13

USSR/Mathematics, Applied
Oscillations

Mar 1947

"Large Oscillations of a String Under Arbitrary
Initial Stretching," P. M. Riz, 2 pp

"Prikladnaya Matematika i Mekhanika" Vol XI, No. 3

One peculiarity of an oscillating string under large strains is the possibility of the nonlinear systems of equations of oscillation passing into linear ones. The possibility is well-known for small oscillations. Another possibility exists in the case of equality of string rigidity and initial stretching.

20T13

Riz, P. M. Large deformations and plasticity. Akad. Nauk SSSR. Prikl. Mat. Meh. 12, 211-212 (1948). (Russian)

The linear theory of elasticity becomes unsatisfactory for large strains or for materials obeying nonlinear stress-strain laws. The author states that previous investigators restricted themselves to problems where only one of these two causes of nonlinearity needs to be considered at a time. The present paper is concerned with more general problems where this simplification is not admissible. The discussion is based on a stress-strain law which contains quadratic terms in the finite Eulerian strain components. [While the author repeatedly refers to problems of plasticity, his stress-strain law essentially represents nonlinear elastic behavior.]

W. Prager (Providence, R. I.).

Source: Mathematical Reviews,

Vol 9 No. 9

Riz, P. M.

Riz, P. M. On the asymptotic integration of the equations of the theory of elasticity with applications to a plate and a disk of variable thickness. Akad. Nauk SSSR Trudi. Mat. Meh. 12, 349-352 (1948). (Russian)

This note contains a sketch of the method of approximate integration of the three-dimensional equilibrium problem of elasticity for "thin" bodies. The bodies under consideration are symmetric with respect to the (xy) -plane and are determined by an equation of the form $y = \beta f(x, z)$, where β is a small thickness parameter. The displacements u , v , and w are assumed to have the expansions of the type $u = u_0 + \sum_{n=1}^{\infty} u_n \beta^n$. If one introduces the variable $\eta = \beta y$, the equations of Lamé in terms of x , y , and z assume the form typified by

$$\mu \left(\nabla^2 u + \frac{1}{\beta^2} \frac{\partial^2 u}{\partial \eta^2} \right) + (\lambda + \mu) \left(\frac{\partial \Lambda}{\partial x} + \frac{1}{\beta} \frac{\partial^2 v}{\partial x \partial \eta} \right) = X,$$

where $\nabla^2 = \partial^2/\partial x^2 + \partial^2/\partial z^2$ and $\Lambda = \partial u/\partial x + \partial w/\partial z$. The substitution of expansions for u , v , and w in such equations and the usual argument of the method of small parameters yields an infinite system of differential equations for the determination of u_i , v_i , w_i . The boundary conditions on the displacements are determined in a similar way. As an illustration of the method, the problem of deformation of a disk whose surface is given by $y = \beta f((x^2 + z^2)^{1/2})$ and subjected to radial body forces is discussed. The results coincide with known equations for displacements in rotating turbine disks.

I. S. Sokolnikoff (Los Angeles, Calif.).

Source: Mathematical Reviews, Vol. 10, No. 1

RIZ, P.M.

Riz, P. M. The theory of elasticity for large ~~deformations~~
extending the limit of proportionality. Doklady Akad.
Nauk SSSR (N.S.) 59, 223-225 (1949). (Russian)
The author suggests that in view of recent progress in the
theory of large elastic deformations an approximate theory
of large plastic deformations might be developed by con-
sidering an essentially elastic material, the elastic constants
of which change suddenly when a certain invariant of the
strain tensor reaches a critical value. [In the realm of
infinitesimal deformations, the analogous procedure is open
to strong objections as was first recognized by E. Melan,
Ing.-Arch. 9, 116-126 (1938). The author does not indicate
whether these difficulties can be resolved in the present
case.]
W. Prager (Providence, R. I.).

Source: Mathematical Reviews,

Vol 7 No. 7

SN

Riz, P. M.

Riz, P. M. Solution of the wave equation for a region near
to a given one. Akad. Nauk SSSR. Prikl. Mat. Meh. 16,
345-348 (1952). (Russian)

A perturbation theory for the vibrating membrane with
regard to small variations of its size is developed on the
basis of a transformation of variables $\xi = x + \epsilon f_1(x, y)$,
 $\eta = y + \epsilon f_2(x, y)$, mapping the original membrane onto the
perturbed one. The resulting nonlinear equation is treated
by ordinary methods.

MATHEMATICAL REVIEWS (Unclassified)
Vol. 14, No. 1, January 1953, pp. 1-120

BABICH, V.M.; KAFILEVICH, M.B.; MIKHLIN, S.G.; NATANSON, G.I.;
RIZ, F.M.; SLOGDETSKIY, L.M.; SMIRNOV, M.M.;
LYUSTERNIK, L.A., red.; YAMPOL'SKIY, A.R., red.
MIKHAYLOVA, T.N., red.

[Linear equations in mathematical physics] Lineinyye urav-
neniya matematicheskoi fiziki. [By] V.M. Babich i dr. Moskva,
Izd-vo "Nauka," 1964. 368 p. (MIA 17:7)

RIZ, P.M.

Opredelenie sobstvennykh chastot vibratsii lopastei vozdushnykh vintov. Moskva, 1935.
21 p., diagrs. (TSAGI. Trudy, no. 218)

Summary in English.

Bibliographical footnotes

Title tr.: Determination of natural frequency of propeller blade oscillations.

QA911.M65 no.218

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress,
1955.

RIZ, P.M.

Rezonansnyi metod opredeleniya sobstvennykh chasot vibratsii l__stei vozduishnykh vintov. Moskva, 1935. 27 p., illus. (TSAGI. Trudy, no 242)

SU: MARY IN ENGLISH

Bibliographical footnotes.

Title tr.: Determination of the natural frequency of propeller blade oscillations by the resonance method.

QA911.M65 no.242

SO: AERONAUTICAL SCIENCES AND AVIATION IN THE SOVIET UNION, LIBRARY OF CONGRESS,
1955

RIZ, P.M.

Flatter vozдушных винтов. Moskva, 1938. 36 p., diagrs. (TSAGI. Trudy, no.391)

Bibliographical footnotes.

Title tr.: Propeller flutter.

QA911.M65 no. 391

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress,
1955.

KIS, R. M.

O nekotorykh vtorichnykh iavleniiakh pri kruchenii krugevoj tsilindra.
Moskva, 1939. 8 s. (IAHI. Trudy, no. 40.)

Title tr.: Some secondary phenomena in the case of a rotating cylinder.

QA911.K45 no. 403

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

RIZ, P. M.

Deformatsii sterzhnei zakruchennykh i slabo izognutyykh v nenapriazhennom sostoianii. Moskva, 1940. 48 p., ilius. (TsAGI. Trudy, no. 471)

Title tr.: Deformation of twisted rods and slightly bent rods under unstressed condition.

NCF

SC: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

RIZ, P. M.

Opredelenie sobstvennykh chastot vibratsii lopastei vozдушnykh vintov.
Moskva, 1935. 21 p., diagrs. (TSAGI. Trudy, no. 218)

Summary in English.

Bibliographical footnotes.

Title tr.: Determination of natural frequency of propeller blade oscillations.

QA911.M65 no. 218

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

RIZ, P. M.

Rezonansnyi metod opredeleniya sobstvennykh chastot vibratsii lopastei vozdushnykh vintov. Moskva, 1935. 27 p., illus. (TSAGI. Trudy, no. 242)

Summary in English.

Bibliographical footnotes.

Title tr.: Determination of the natural frequency of propeller blade oscillations by the resonance method.

QA911.M65 no. 242

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

RIZ, P. M.

Poperechnye kolebaniia estestvenno-zakruchennykh sterzhnei. Moskva, 1936.
20 p., illus., tables, diagrs. (TSAGI, Trudy, no. 281)

Summary in English.

Title tr.: Lateral oscillations of naturally twisted rods.

QA911.M65 no. 281

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

RIZ, P.M.

Flatter kryla s uchetom kolebanii v napravlenii naibol'shei zhestkosti. Moskva, 1937.

20 p., diagrs. (TSAGO. Trudy, no.340)

Title tr.: Wing flutter when taking into account the vibration in the direction of maximum stiffness.

QA911.M65 no. 340

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress,
1955

RIZ, P. M.

Flatter vozdushnykh vintov. Moskva, 1938. 36 p., diagrs. (TSAGI. Trudy,
no. 391)

Bibliographical footnotes.

Title tr.: Propeller flutter.

QA911.M65 no. 391

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

RIZA, V.

Diatomaceous earth from Dubravica near Banska Stiavnica as filtration material. p. 358.

CHEMICKE ZVESTI, Bratislava, Czechoslovakia, Vol. 13, No. 6, Apr. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 10,
Oct. 1959.
Unclassified

BEREZINA, N.M.; OSTAPENKO, V.I.; KORNEVA, Ye.I.; RIZA-ZADE, R.R.

Effect of ionizing radiation on morphological changes in
plants. Radiobiologiya 2 no.6: 931-937 '62. (MIRA 16:11)

1. Institut biologicheskoy fiziki AN SSR, Moskva.

*

БРДН, А.И.; БАКСО, И.И.; БОЛДИН, Н.И.; БОЛДИН, И.И.; БОЛДИН, И.И.

Possibilities for utilization of ionizing radiations in hydroponics. "Radiotekhnika i no.3:457-459 '74.

(MFA 17:11)

1. Институт радиохимии РАН СССР, Москва и Краснодарский радиационно-изотопный научно-исследовательский институт, гидро-биологический лаборатория.

HEREZINA, N.M.; SHCHIBR~~I~~A, G.I.; DROZHZHINA, V.V.; RIZA-ZADE, R.R.;
TARASOVA, A.D.

Effect of Co⁶⁰ gamma irradiation of tubers before planting on
the yield and vitamin C content of potatoes. Radiobiologija
3 no.1:139-142 '63. (MIRA 16#2)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(PLANTS, EFFECT OF GAMMA RAYS ON) (POTATOES)
(ASCORBIC ACID)

PATON, Yevgeniy Oskarovich, Geroy Sots. Truda; RIZANOVA, G., red.; KONYASHINA, A., tekhn. red.

[Recollections; as told to IUrii Buriakovskii.] Vospominanija;
literaturnaja zapis' IUriia Buriakovskogo. Moskva, Izd-vo TsK VLKSM
"Molodaia gvardiia," 1958. 363 p. (Zhizn' zamechatel'nykh liudei.
Seriia biografii, no. 10 (258).

(MIRA 11:10)

(Paton, Evgenii Oskarovich, 1870-1953)

MAMMADOV, N.M., Geroy Sotsiali ticheskogo Truda, kand. reit'khoz.
nauk; RIZAYEV, G.B., prof., doktor ekon. nauk; GORELIK,
I.M., red.

[Country of "white gold"] Krai "beloge zolota." Tashkent,
Izd-vo "Uzbekistan," 1964. 97 p. (MIRA 17:12)

KOPYLOVA, D.K.; LYUBIMOV, V.B.; PODGORETSKIY, M.I.; RIZAYEV, Kh.;
TRKA, Z.

Inelastic $\pi^- p$ -interactions at an energy of 7 Bev. Zhur.eksp.i
teor.fiz. 44 no.5:1481-1486 My '63. (MIRA 16:6)

1. Ob'yedinenyyi institut yadernykh issledovaniy.
(Bubble chamber) (Mesons)

L 10233-63

BDS/EWT(m)---AFFTC/ASD--IJP(C)

ACCESSION NR: AP3000038

S/0056/63/044/005/1481/1486

AUTHOR: Kopylova, D. K.; Lyubimov, V. B.; Podgoretskiy, M. I.; Kh. Rizayev;
Trka, Z.

TITLE: Inelastic negative pion proton interactions at an energy of 7 BeV. 59
19

SOURCE: Zhurnal eksper. i teoret. fiziki, v. 44, no. 5, 1963, 1481-1486

TOPIC TAGS: pion proton interactions, inelastic, propane bubble chamber,
two-prong stars, four-prong stars

ABSTRACT: A total of 154 cases of inelastic negative-pion proton interactions, accompanied by emission of a secondary proton with momentum from 180 to 500 MeV/c, were selected from stereo photographs taken with a propane bubble chamber placed in a beam of negative pions with momentum 6.8 BeV/c. This work is a continuation of an investigation in progress at the Joint Institute of Nuclear Research using a 24 - liter propane bubble chamber. An analysis of the selected events shows that they have several distinguishing features, characteristic of peripheral interactions. These features manifest themselves much less clearly. 54

Card 1/2

L 10233-63
ACCESSION NR: AP3000038

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in four-prong interactions than in two-prong ones. Also considered is a new criterion for separating interactions with a free proton, connected with the calculation of the so-called lacking mass, with the aid of which, in particular, it is shown that the fraction of background interactions with carbon is much larger in four-prong stars than in two-prong star ones. 'In conclusions, the authors are pleased to express their indebtedness to V. G. Grishin, G. I. Kopylov for useful discussions, and also V. N. Strel'tsiv and K. Igamberdiyev for help with the work.' Orig. art. has: 2 formulas and 7 figures.

ASSOCIATION: Ob'yedinennyy institut yadernykh issledovanii (Joint Institute of Nuclear Research)

SUBMITTED: 11Dec62 DATE ACQ: 12Jun63 ENCL: 00
SUB CODE: PH NR REF Sov: 003 OTHER: 007

Card 2/2

AZIMOV, S.A.; KHIPOV, R.; GULYAMOV, U.G.; RIZAYEV, Kh.A.

Production of slow π^+ -mesons in the interaction between 9-Bev.
protons and photoemulsion nuclei. Izv. AN Uz. SSR. Ser. fiz.-mat.
(MIRA 18:9)
nauk 9 no.4:59-62 '65.

1. Institut yadernoy fiziki AN UzSSR.

ACC NR: AP6018115

SOURCE CODE: UR/0166/65/000/004/0059/0062

AUTHOR: Azimov, S. A.; Aripov, R.; Gulyamov, U. G.; Rizayev, M. A.

ORG: Nuclear Physics Institute, AN UzSSR (Institut yadernoy fiziki AN UzSSR)

TITLE: Formation of slow π^+ mesons on interaction between protons of 2-bev energy with photoemulsion nuclei

SOURCE: AN UzSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 4, 1965, 59-62

TOPIC TAGS: pi meson, proton interaction, angular distribution, nuclear emulsion, particle accelerator

ABSTRACT: Previous analyses of the angular and energy distributions of the slow protons emitted as a result of the interaction between 24-beV protons and heavy emulsion nuclei has led to important conclusions concerning the behavior of nuclei in the presence of very high excitation nuclei. An investigation has been made of low-energy and so-called "sub-barrier" pions which will ultimately provide information on the production of new resonance particles. However, the available statistical material is much too limited to allow any conclusions concerning the mechanism of production of such mesons. Hence, the authors investigated certain aspects of the process of the formation of slow mesons, including sub-

Card 1/2

RIVKIN, M.

Predictive importance of the morphology of the cavities of resected lungs in patients with tuberculosis. Tzarskuch, trud, TashMM
22:253-260 '62.

Morphology of the cavities of resected lungs in antibiotic treatment and sulfaetherapy. Ibid., 261-272
(MIRA 58-10)

Le. Kafedra tuberkuliza (zav. kaf-dok - prof. I.O.Sararyan)
Tashkent'skogo gosudarstvennogo meditsinskogo instituta i kaf-fia
patologicheskoy anatomii (zav. - prof. R.P.Panilova) Tashkent'skogo
gosudarstvennogo instituta diys usovershenstvovaniya vrachey.

OSTER-VOLKOV, Nikolay Nikolayevich; RIZAYEV, N.U., kand. tekhn.
nauk, retsenzent; MAKSUDOV, Yu.M., kand. tekhn. nauk,
retsenzent; MEROZOV, A.M., kand.tekhn. nauk, retsenzent;
BYCHEROVA, A., red.

[New synthetic materials based on furan compounds] Novye
sinteticheskie materialy na osnove furanovykh soedinenii.
Tashkent, Gosizdat UzSSR, 1963. 45 p. (MIRA 17:11)

RUDOVA, G.A.; RIZAYEV, N.U.

Adsorption of aromatic acids on the anion exchangers EDE-10
and AN-1. Uzb. khim. zhur. 7 no.6;88-91 '63. (MIRA 17:2)

1. Tashkentskiy politekhnicheskiy institut.

KASATKIN, A.G.; RIZAYEV, N.U.; NIYAZOV, M.I.; MERENKOV, K.V.

Application of the principle of fluidization in the recovery of
tartric acid from diffusion juices by means of ion exchangers.
Izv.vys.ucheb.zav.; pishch. tekhn. no.3:104-107 '63. (MIRA 16:8)

1. Tashkentskiy politekhnicheskiy institut problemnaya laboratoriya
polimerov.
(Ion exchange) (Sugar industry--By-products) (Tartaric acid)

RIZAYEV, N.U.; NIYAZOV, M.I.; GOTFRID, V.Ya.

Study of the process of mass transfer in the absorption of dissolved substances in fluidized bed. Izv.vys.ucheb.zav.;khim.i khim.tekh.
3 no.4:737-739 '60. (MIRA 13:9)

1. Sredneaziatskiy politekhnicheskiy institut, kafedra protsessov i apparatov.

(Mass transfer) (Fluidization)

Name: RIZAYEV, N. U.

Dissertation: A study of the process of mass transfer in the adsorption of dissolved substances from solutions

Degree: Cand Tech Sci

Defended at
Affiliation: Min Higher Education USSR, Moscow Order of Lenin Chemico-technological Inst imeni D. I. Mendeleyev

Publication
Defense Date, Place: 1956, Moscow

Source: Knizhnaya Letopis', No 45, 1956

RIZAYEV,.. N.U.; NIYAZOV, M.I.; GOTFRID, V.Ya.

Study of mass transfer in the extraction of oils from oil-bearing seeds. Izv. vys. ucheb. zav; khim. i khim. tekhn. 3 no. 5:933-936 '60. (MIRA 13:12)

1. Sredneaziatskiy politekhnicheskiy institut. Kafedra protsessov i apparatov.
(Extraction (Chemistry)) (Mass transfer)

KASATKIN, A.G. [deceased]; RIZAYEV, N.U.; KOROL'KOV, N.M.

Process of mass transfer during ion exchange adsorption.
Khim. prom. no.5:373-377 My '63. (MIRA 16:8)

RIZAYEV, N. U.

"Investigation into the dynamics of mass transfer for the adsorption of solutions."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk,
4-12 May 1964.

Tashkent Polytechnic Inst.

RIZAEV, N. U.

"Study of the mass-exchange process in systems of solid body-liquid."

Report presented at the 1st All-Union Conference on Heat- and Mass- Exchange,
Minsk, FSSR, 5-9 June 1961

RIZAYEV, N.U.; RUSTAMOV, Kh.R.; SABIROV, Sh.M.

Effects of certain variables on the process of ion exchange. Uzb.
khim. zhur. no.1:35-38 '61. (MIRA 14:1)

1. Sredneaziatskiy politekhnicheskiy institut.
(Ion exchange)

RIZAYEV M. Yu.
RISAYEV, N. Yu.

"Investigation of Mass Transfer Process in Solid-liquid Systems."

Report submitted for the Conference on Heat and Mass Transfer,
Minsk, BSSR, June 1961.

RIZAYEV, N.U.; MARKMAN, A.L.; TURSUNOV, M.

Extraction of gossypol from cottonseed oil micelles by means of
ion exchange resins. Uzb.khim.zhar. 8 no.1:44-47 '64.
(MIRA 17:4)

1. Tashkentskiy politekhnicheskiy institut.

L 32978-65 EWT(m)/EWG(m) JAJ/RM/RWH

ACCESSION NR: AP5007430

S/0286/65/000/004/0061/0061

AUTHOR: Muslimov, Kh. I.; Rizayev, N. U.; Sultanov, A. S. 13

TITLE: A method for producing a cation exchange resin. Class 39, No. 168436 B

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 61

TOPIC TAGS: cation exchange resin

ABSTRACT: This Author's Certificate introduces a method for producing a cation exchange resin based on products of the interaction of furfural with organic acids. A carboxyl cation exchange resin with a high exchange capacity is produced by using β -furylacrylic acid.

ASSOCIATION: none

SUBMITTED: 11Jun62

ENCL: 00

SUB CODE: MT

NO REF SOV: 000

OTHER: 000

Card 1/1

100% of U₂₃₅ in 70% of the

process methods for extracting plutonium from plant
operating in 1981. Inv. no. 1000. Bureau of Chem. & Techn. (BCT)
Ref. 1000-1887-165.

1. Plutonium-239 production is likely to have been problematic
due to safety problems.

RIZATOV, N. N., JURSUNOV, M.; ABDURAKHIMOV, A.

Sorption kinetics of fatty acids and gossypol from cottonseed oil miscella on a FDE-10 anion exchanger. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 8 no.1:135-137 '65. (MIRA 12:6)

I. Tashkentskiy politekhnicheskiy institut, problemnaya laboratoriya polimerov.

RIZAYEV, N.U.

Modeling of the industrial filtration process. Izv. AN Uz. SSR.
Ser. tekhn. nauk no.4:54-62 '59. (MIREA 13:1)

1. Sredneaziatskiy politekhnicheskiy institut.
(Filters and filtration)

MEKHITIYEV, S.D., RIZAYEV, R.G., NOVRUZOVA, M. I.

Oxidative ammonolysis of p-tert-butyltoluene. Dokl. AN Azerb.
SSR 21 no. 5; 17-19 '65. (NTIS 12.6)

1. Institut neftekhimicheskikh protsessov AN AzerSSR.

YARKHIN, Ya.I., inzh.; RIZAYEV, R.G., inzh.; KASATKIN, A.O., inzh.; GAPOYAN,
P.M., inzh.

Testing high-strength steel-reinforced concrete plates. Prom.
stroi. 42 no.1:22-25 '65. (MIRA 18:3)

MEKHTEYEV, S.D.; RIZAYEV, R.O.; KAMBAROV, Yu.G.; NOVRUZOVA, A.Sh.

Oxydizing ammonolysis of toluene. Azert. khim. zhur. no. 2:18-23
'65. (MTRA 18:12)

1. Institut neftekhimicheskikh protsessov AN AzerSSR. Submitted
Nov. 12, 1964.

L 20215-66 EWP(n)/EWP(j) RM
ACCESSION NR: AP5018350

UR/0316/65/000/002/0018/0023

AUTHOR: Mekhtiyev, S. D.; Rizayev, R. G.; Kambarov, Yu. G.; Novruzova, A. Sh.

TITLE: Oxidative ammonolysis of toluene

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 2, 1965, 19-23

TOPIC TAGS: oxidation, ammonolysis, toluene, catalyst carrier

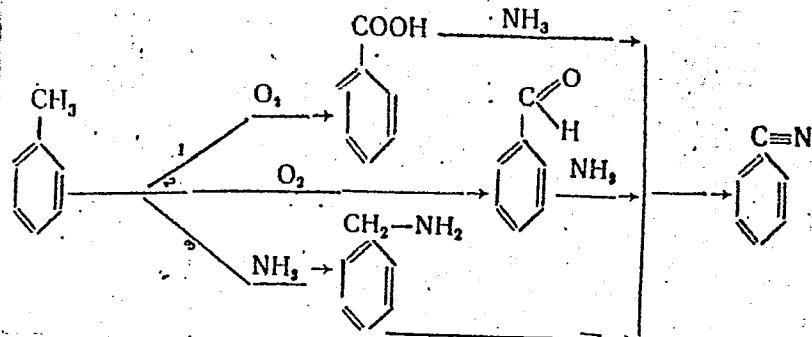
13
10
B

ABSTRACT: The purpose of this work was a detailed investigation of the oxidative ammonolysis of toluene on relatively inexpensive catalysts in order to select the optimum conditions for the formation of benzonitrile with high yield. The catalysts consisted of 6% V₂O₅ and 2% MoO₃ deposited on fused Al₂O₃ with specific surface 93.5 m²/g, measured by the BET method. It was found that increase of the ratio of air to toluene from 2 to 12 moles results in increase of the yield. This apparently results from two parallel and independent reactions which result in the production of benzonitrile according to the following scheme:

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L 20315-66

ACCESSION NR: AP5018350



Since the rate of the oxidative ammonolysis reaction of alkylaromatic hydrocarbons exceeds significantly the rate of direct nitrile formation upon increasing the supply of air, it must proceed by paths 1 and 2. The increase of the ratio of NH_3 to toluene from 2.3 to 4.5 moles/mole significantly increases the conversion of toluene and the yield of benzonitrile. Increase of this ratio to 15 moles/mole resulted in a large decrease of the conversion of toluene. The optimum temperature of the

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L 20315-66
ACCESSION NR: AP5018350

3

ammonolysis of toluene was found to be 380-400° C. The optimum yield was 87%. "The authors wish to express their gratitude to G. P. Korneychuk of the IFKh AN Ukrainian SSR, for the determination of the surface area of Al₂O₃ carrier and to V. L. Khodzhayeva for obtaining IR spectra of the synthesized products." Orig. art. has: 5 figures.

ASSOCIATION: INKhP AN Azerb. SSR

SUBMITTED: 12Nov64

ENCL: 00

SUB CODE: OC, GC

NO REF SOV: 004

OTHER: 012

Card 3/3 BK

MEKHTIYEV, S.D.; RIZAYEV, R.G.; KASIMOV, R.; KAMBAROV, Yu.G.

Mass spectrometric study of some aromatic nitriles, Azerb.khim.zhur.
no.4:70-74 '65.

(MIRA 18:12)

1. Institut neftekhimicheskikh protsessov AN AzSSR. Submitted
January 23, 1965.

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444"

RIZAYEV, U.M., kapitan med.sluzhby

Surgery in ingrown toenails. Voen.med.zhur. no.3:91-92 Mr '57.
(NAILS, INGROWING) (MIRA 11:3)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014449

RIZA-ZADE, RIZA

Editorial Board
of the scientific monograph "Flora and Microflora of Azerbaijan".
The monograph was published by the Institute of Botany of the Azerbaijan
Academy of Sciences in 1994.

Name

Title

Institution

Isayev, Mir Il'ya
Ali oglu
Maryagin, I. I.
Frilipko, L.I.
Riza-zade, Riza
Yakh'ya oglu
Ul'yanishev, V. I.

"Flora and Microflora
of Azerbaijan"

Academy of Sciences,
Azerbaiydzhan SSR

RI ANTSEV, S. N.

Ekonomiko-geograficheskii ocherk Buriat-Mongol'skoi ASSR. Economic-geographical survey of Buriat-Mongolian ASSR. (Geografiia v shkole, 1935, no. 1, 51-62)

DLC: G1.G313

-----Kirgizita. Moskva, Geografgiz, 1950. 250 p.

-----Kirgiziia; ekonomiko-geograficheskaiia kharakteristika. Kirghiz republic; an economic and geographic survey. S pred. A. A. Grigor'eva. Moskva, Gos. izd-vo geograficheskoi lit-ry, 1946. 171 p. illus., maps. "Literatura": p. 187- 190/ Transportation (p. 78)

DLC: K861.K52R6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

RIZATULLIN, A.S.; DAVLETSHIN, R.S.

Work experience of foreman Agliamov's crew. Neft.khoz. 33
no.11:90-91 N '55. (MLRA 9:1)
(Oil well drilling)

Z
MATEEV, V.; RIZAV, B.

Splenectomy in myoma uteri subserosum necroticans with pelvic lesions. Khirurgia, Sofia 9 no.10:931-932 1956.

1. (Iz blagoevgradskata okruzhna bolnitsa).
(SPLEEN, surgery,
excis. in leiomyoma uteri (Bul))
(UTERUS NEOPLASMS, surgery,
leiomyoma, splenectomy (Bul))
(LEIOMYOMA, surgery,
uterus, splenectomy (Bul))

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

RIZAYEV, GULYAM RIZAYEVICH

RIZAYEV, Gulyam Rizayevich, kand.ekon.nauk; MIL'MAN, Z.A., red.; BAKHTIYAROV,
tekhn.red.

[Agriculture in Uzbekistan during the past 40 years] Sel'skoe
khoziaistvo Uzbekistana za 40 let. Tashkent, Gos. izd-vo Uzbekskoi
SSR, 1957. 265 p.
(MIRA 11:3)
(Uzbekistan--Agriculture)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014449

RIZAYEV, K. D.

"The Problem of Artificial Rain in the Azerbaiydzhan SSR." Sub 11 Mar 47,
All-Union Sci Res Inst of Hydraulic Engineering and Soil Improvement imeni
V. R. Vil'yams.

Dissertations presented for degrees in science and engineering in
Moscow in 1947.

SO: Sum.No. 457, 18 Apr 55

RIZAYEV, K. I.

Cond. Tech. Sci.

Dissertation: "The Problem of Artificial Rain in the Azerbaijan SSR." All-Union Sci
Res Inst of Hydraulic Engineering and Soil Improvement, 11 Mar 47.

CC: Vsechernaya Moskva, Mar, 1947 (Project #17836)

RIZAYEV, SH. R.

"Dependence of the Resistance of Ground to Displacement
During Triaxial Pressure" Dokl. AN Uz SSR, No 8, 1954, 35-39
(Uzbek resume)

The author establishes the dependence between the resistance of ground to displacement and normal pressure. Taking the constancy of the angle of maximum deflection as the condition for limiting equilibrium, the author expresses the limiting normal and tangential stresses along the area of displacement in corresponding main stresses. (RZhMekh, No. 9 1955)

RIZAYEV, Sh.R.; ZAPROMETOV, S.G., otvetstvennyy redaktor; BICHEROVA, A.M.,
redaktor izdatel'stva; GOR'KOVAYA, Z.P., tekhnicheskiy redaktor

[Theory of soil resistance to displacement] K teorii soprotivleniya
grunтов sdvigu. Tashkent, Izd-vo Akademii nauk Uzbekskoi SSR, 1956.
48 p. (Soil mechanics)

RIZAYEV, Sh.R.

Methods of determining shearing resistance of soils subjected
to triaxial pressure. Dokl. AN Uz.SSR no.9:43-46 '58.
(MIRA 11:12)
1. Institut sooruzheniy AN UzSSR. Predstavлено академиком
АН УзССР М.Т.Уразбайевым.
(Soil mechanics)

RIZAYEV, U.M.; ZVEREV, B.P.

Use of collimated beam of nuclear radiation in the local irradiation of experimental animals. Uzb. biol. zhur. 9 no.2:17-20 '65.
(MIRA 18:5)

1. Tashkentskiy gosudarstvennyy meditsinskiy institut.

ACC NR: AR7000844

SOURCE CODE: UR/0058/66/000/009/D059/D059

AUTHOR: Ovchinnikov, I. V.; Rizayev, V. I.

TITLE: Spin-lattice relaxation in potassium ferricyanide

SOURCE: Ref. zh. Fizika, Abs. 9D460

REF SOURCE: Tezisy dokl. Yubileyn. nauchn. konferentsii, posvyashch. XX-letiyu in-ta. Kazansk. fiz.-tekhn. in-t, 1966, Sekts. fiz. n. Kazan', 1966, 100-102

TOPIC TAGS: spin lattice relaxation, electron paramagnetic resonance, potassium ferricyanide, paramagnetic resonance, chemical bond, paramagnetic relaxation, potassium compound, cyanide

ABSTRACT: An evaluation is made of the time period of paramagnetic relaxation in $K_3Fe(CN)_6$ which takes into account the covalent nature of chemical bonding and the difference in the binding force between atoms within a lattice (metal-ligand and ligand-atom of the following coordinating sphere). Agreement is obtained between theoretical and experimental values of the time periods of spin-lattice relaxation.
N. Kask. [Translation of abstract] [SP]

SUB CODE: 20/

Card 1/1

RIZAYEVA, F.

Survivability of R. burnetii in the feces of *Rhipicephalus turanicus*
ticks. Trudy TashNIIVS 6:199-205 '61. (MIRA 15:11)
(RICKETTSIA) (TICKS AS CARRIERS OF DISEASES)

RIZAYEVA, F.

Possibility of the infection of raw cotton with Rickettsia
burneti. Med. zhur. Uzb. no.7:39-41 Jl :63.

(MIRA 17:2)

1. Iz rikketsioznoy laboratorii (zav. - Ye.Ya. Shterngol'd)
Tashkentskogo nauchno-issledovatel'skogo instituta vaktsin
i syvorotok.

RIZAYEVA, F.N.

Further study of *Rhipicephalus turanicus* ticks as transmitters of
Rickettsia burnetii; an experimental study. Trudy TashNIIVS 6:206-
210 '61. (MIRA 15:11)
(TICKS AS CARRIERS OF DISEASE) (RICKETTSIA)

RIZAYEVA, F.N.

Aerogenic Q rickettsiosis in guinea pigs under experimental conditions. Trudy TashNIIVS 6:211-215 '61. (MIRA 15:11)
(Q FEVER)

RIZAYEVA, F., Cand Med Sci -- "Rhipicephalus-turanicus ticks as carriers of Rickettsia burneti. (Experimental study)." Tashkent, 1960 (Min of Health UzSSR. Tashkent State Med Inst). (KL, 1-61, 210)

-422-

KHODZHAYEV, G.Kh.; SOKOL'NIKOVA, M.D.; RIZAYEVA, M.; Prinimali uchastiye:
BELOPOL'SKAYA, S.; CHABROVA, O.; KUL'METOV, A.; SAYDALIKHODZHAYEV, M.

Shur-Tepe oil field. Uzb. khim. zhur. 9 no. 4:45-50 '65.
(MIRA 18:12)

1. Institut khimii AN UzSSR. Submitted June 2, 1964.

ZAGNIBORODOVA, Ye.N.; KISELEVA, L.F.; RIZAYEVA, Ye.R.

Fauna and ecology of fleas of the yellow suslik Citellus fulvus
Licht. in the Nebit-Dag region (western Turkmenistan). Izv.AN
Turk.SSR.Ser.biol.nauk no.3:81-86 '62. (MIRA 15:9)

1. Turkmenskaya respublikanskaya protivochumnaya stantsiya.
(NEBIT-DAG REGION--PARASITES--SUSLIKS)
(NEBIT-DAR REGION--FLEAS)

43466

S/205/62/002/006/020/021
E027/E410

2020

2020

AUTHORS: Berezina, N.M., Ostapenko, V.I., Korneva, Ye.I.,
Riza-Zade, R.R.

TITLE: Morphological changes in plants under the influence
of ionizing radiation

PERIODICAL: Radiobiologiya, v.2, no.6, 1962, 931-937

TEXT: The production of multiple cobs was observed in maize
plants grown from seeds irradiated with 500 r from a Cs¹³⁷ source
before sowing. Of 200 plants studied 25 (13%) had 1 cob;
91 (45%) had 2; 60 (30%) had 3; 18 (9%) had 4; whereas 90 (45%)
of 200 control plants from unirradiated seeds had 1 cob and the
remaining figures were all lower. The harvest from 6 plots sown
with irradiated and control seeds showed that the experimental
plants gave higher yields of stalks, cobs and husks. Increased
branching occurred in buckwheat exposed to chronic gamma-
irradiation in a total dose of 250 r and there was a corresponding
increase in the number of inflorescences. Branching could also
be induced in hemp and jute, with corresponding increase in the
harvest. Similar changes were seen in plants developing from
Card 1/2

Morphological changes ...

S/205/62/002/006/020/021
E027/E410

irradiated potatoes, mint rhizomes and apple cuttings.
There are 6 figures and 3 tables.

ASSOCIATION: Institut biologicheskoy fiziki AN SSSR, Moskva
(Institute of Biophysics AS USSR, Moscow)

SUBMITTED: July 18, 1962

Card 2/2

KAMINSKIY, R.S.; RIZBERG, I.I.

Work experience of local organizations of the Scientific Technological Society. Spirt.prom. 27 no.3:41-42 '61. (MIRA 14:4)
(Lvov--Liquor industry) (Lokhvitsa--Alcohol)

RIZBERG, I. I.

For the communist methods of work. Spirt. prom. 29 no. 3:46-47
'63. (MIRA 16:4)

(Lokhvitsa—Distilling industries—Labor productivity)
(Distilling industries—By-products)

RIZBERG, I. I.

Indices of the volume of production and labor productivity in
the standard costs of production. Spirt. prom. 29 no. 3:32-34
'63. (MIRA 16:4)

1. Lokhvitskiy spirtoekombinat.

(Tatar A.S.S.R.—Costs, Industrial)
(Tatar A.S.S.R.—Distilling industries—Labor productivity)

RIZBERG, I.I.

Complete processing of molasses and its profitability. Spirit.
prom. 26 no.7:32-33 '60. (MIRA 13:10)
(Distilling industries--By-products) (Molasses)

RIZBERG, I.I.

Seminar on the complete processing of molasses. Spirt.prom.
26 no.2:46 '60. (MIRA 13:6)
(Lokhvitsa--Molasses)

RIZBERG, I.I.

"Technical, industrial, and financial planning of alcohol plants"
by V.G. Pykhov, Sh.T. Ianbukhtin. Reviewed by I.I. Rizberg. Spirt.
prom. 25 no.7:47-48 '59. (MIRA 13:2)
(Distilleries) (Pykhov, V.G.) (Ianbukhtin, Sh.T.)

SEDOV, N.N.; NIKOLAYENKO, L.S.; RIZBERG, I.I.

Management of alcohol plants. Spirit. prom. 25 no. 5:34-36 '59.
(MIRA 12:10)

(Distilling industries)

RIZBERG, I.I.

Problems in the organization of labor. Spirt.prom.22 no.1:24-26 '56.
(MIRA 9:7)

1.Lekhvitskiy spirtovyy kombinat.
(Distilling industries)

RIZBERG, I.I.

Unused production potentials in the service of the sixth five-year
plan. Spirt. prom. 24 no.3:19-20 '58. (MIRA 11:6)
(Distilling industries)

RIZBERG, I. I.

Plan for the development of the alcohol industry. Spirit. prom. 24
no. 4:31 '58. (MIRA 11:7)

1. Lokhvitskiy spirtokombinat.
(Distilling industries)

RIZBERG, I.I.

Lowering the cost of alcohol. Spirt. prom. 23 no. 5:26-28 '57.
(MLRA 10:8)

1. Lekhvitskiy spirtkombinat.
(Alcohol--Costs)

RIZBERG, I.I.

Introduction of cost accounting in distillery sections. Spirt.prom.
21 no.1:27-28 '55. (MIRA 8:5)

1. Lokhvitskiy spirtovyy kombinat.
(Distilling industries--Accounting)

RIZBERG, I.I.

Economic effectiveness of thorough processing of sugar beet
molasses. Spirt. prom. 22 no.3:23 '56. (MLRA 9:11)

1. Lokhvitskiy spirtovoy kombinat.
(Molasses)

RIZBERG, I.I.

"Cost of producing alcohol and ways of reducing it." V.G.Pykhov,
A.G.Kobylianskii. Reviewed by I.I.Rizberg. Spirt.prom.21 no.2:
41 '55. (MILIA 8:10)
(Alcohol) (Pykhov,V.G.) (Kobylianskii,A.G.)

RIZBERG, I.I.

Utilization of wastes and our reserves. Spirit.prom. 20 no.4:23 '54.
(Distilling industries--By-products) (MIRA 7:12)

RIZBERG, I.I.

Problems of labor productivity planning and accounting in liquor
plants. Spirt.prom. 20 no.3:20-22 '54. (MILB 7:10)
(Distilling industries)

RIZBEJG, I.I.; TSUMANENKO, V.V.

Scientific and Technical Society of the Likhvitsa Distilling
Combine, Farm. i spirt. prom. 30 no. 6 38-39 '64. (MIRA 17:11)